January, 1999

WATER CONSERVATION AND DROUGHT OR WATER SUPPLY EMERGENCY MANAGEMENT PLAN REPORT FOR GOLF COURSES

PERMITTEE: _____

CONTACT PERSON: _____
ADDRESS: _____
_____

TELEPHONE NO. _____
ALLOCATION PERMIT NO.: _____

DATE: _____

Submit to: Bureau of Water Allocation
P.O. Box 426
Trenton, New Jersey 08625-0426

See your Water Allocation Permit for your submittal schedule

NOTE: You must read and complete all sections of the worksheet. Your Water Allocation Permit requires water conservation and water management activities that you may not usually consider in this context but no section may be omitted.

Please discard your file copies of the previous worksheets and/or delete or update computerized forms. Your report must be submitted on an exact replica of this worksheet, either a photocopy or a computerized version, with the original kept on file for future reference. An incomplete worksheet will be returned to you. If there is not enough space provided for your information, additional pages should be used.

I. WATER CONSERVATION COMPONENTS

A. WATER SYSTEM

1. Allocation: _____ mgm, _____ gpm, _____ mgy
(entering irrigation system)

2. List sources of water and pump capacity of each:

a. wells - include well permit numbers
_____
_____

b. natural stream, lake, etc. intake

_____ _____

_____ _____

c. pond/lake intake into irrigation system

_____ _____

_____ _____

3. Metering:

	(circle one)		
well	Y	N	NA
stream	Y	N	NA
pond/lake	Y	N	NA
head of irrigation system	Y	N	NA

4. Date of last meter calibration: _____

5. System Storage: _____ mg

6. Pumping Schedule: _____ hours/day, ____ to ____

7. Interconnections: #_____, size _____" NA

8. Monitoring wells (if any): list well permit numbers, local ID and depths (attach separate sheets)
NOTE: DO NOT INCLUDE THE PRODUCTION WELLS LISTED ABOVE

9. Source of potable supply (Public water supplier or well number, if self-supplied)

B. ANALYSIS OF WATER USE

1. Demand: Report demand from the most recent year for which you have complete data as the base year; identify the years the data refers to.

	mgd	mgm	mgy	gpm
base year 19_	____	____	____	____
previous year 19_	____	____	____	____
peak (base year)	____	____	____	____
next year 20_	____	____	____	____
5 year 20_	____	____	____	____

2. Actual Use:

lake/pond level maintenance	_____%
irrigation	_____%
potable	_____%

other (explain) _____%

3. Attach water balance.

   Provide a simple diagram which indicates source, areas of use, amounts used in each, etc.

C. WATER CONSERVATION PRACTICES

1. Irrigation System

   a. number, type, capacity of nozzles _____, _____, _____.

   b. number of heads in use at one time _____.

   c. average duration of irrigation cycle _____ (min.) (hr.)

2. Irrigation requirements

   a. total acres _____

   b. acres under irrigation _____

      i. tees _____

      ii. greens _____

      iii. fairways _____

   c. type of grasses - _____.

   d. % low-water-using varieties _____

3. Moisture sensing devices - type _____
   location _____

4. Are evapotranspiration rates used to calculate irrigation water needs? give details.

   _____
   _____
   _____

5. Is any recycled/reused or treated wastewater used? give details.

   _____
   _____
   _____

D. WORKER EDUCATION/AWARENESS

List methods employed to educate workers on methods to save water during day to day operations:

_____

_____

_____

NOTE: If more space is required for explanation please attach additional sheets as needed.

II. DROUGHT OR WATER SUPPLY EMERGENCY MANAGEMENT COMPONENTS

Note: This section should cover the procedures you follow in periods of low rainfall in your area or when local officials impose restrictions. The restrictions that apply when a drought emergency is declared by the Governor are not to be listed here.

A. ALTERNATE SUPPLIES

1. Storage, backup supplies, equipment and interconnections on standby status:

_____

_____

_____

B. ACTION PROCEDURES

1. Order in which irrigation of different areas is curtailed or stopped.

_____

_____

_____

2. Other methods of dealing with an interruption of your supply.

_____

_____

_____

wcp-golf:bu